

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-6 (Canceled).

Claim 7 (New): A process for rotomoulding a part including at least one first layer, made of a compact polymer, and a second layer made of a foam polymer and surrounded on one face by the first layer, the process comprising:

placing a first quantity of material to make up the first layer in a mold;

rotating the mold to form the first layer and heating the first quantity of material to melt it;

then placing a second quantity of material to make up the second layer in the mold and restarting rotation of the mold,

wherein the heating is interrupted before the second quantity of material reaches its foaming temperature, but the mold is kept rotating until the second quantity of material reaches the foaming temperature and as long as the second quantity of material remains at or above this temperature, thus forming the second layer.

Claim 8 (New): Rotomoulding process according to claim 7, wherein the heating is interrupted as soon as the mold reaches a determined temperature between a melting temperature and the foaming temperature of the second quantity of material.

Claim 9 (New): Rotomoulding process according to claim 7, further comprising:

placing a third quantity of material in the mold, to make up a third layer, made of a compact polymer, when the second layer has been formed, and then the mold is rotated again and heated.

Claim 10 (New): Rotomoulding process according to claim 9, wherein heating of the mold before placement of the third quantity of material is interrupted before the third quantity of material reaches its melting temperature.

Claim 11 (New): Rotomoulding process according to claim 7, applied to a part including a concavity, wherein the mold is not provided with a concavity molding contour.

Claim 12 (New): Rotomoulding process according to claim 7, applied to a part for which a thickness or chemical nature of layers surrounding the foam layer is different.